



supporting the sport of  
scale aerobatic competition

## IMAC Primer

Dear Eastern Shore Aeromodelers Club members

As has been suggested by Matt and a few others during the IMAC contest that was held on May 2<sup>nd</sup>, 2009, we will be holding a second IMAC primer on July 18<sup>th</sup>, 2009. We do have access to the train station for the classroom stuff if we need it but the plan is to do it all at the field.

Below is a brief description of what to expect and there is absolutely no charge for this.

A typical IMAC primer consists of a brief overview of how to prepare for and what to expect during the course of the typical IMAC contest. The primer will consist of:

### Classroom Portion (~4HRS)

- What is IMAC / Scale Aerobatics
- About the IMAC Organization and Scale Aerobatic Competition
- Aircraft requirements
- Dispel the rumors of flying IMAC, specifically regarding the planes that can be used
- Airplane setup
- What to expect at your first contest
- What it is like to fly at an IMAC contest and what you can expect to gain from it
- Reading Aresti
- The Basic sequence
- Judging criteria for the Basic sequence
- What to do to prepare
- How to break down a sequence so that it does not seem overwhelming and to learn proper execution of each maneuver
- Discuss the 5 classes that are flown and how it helps to slowly build your skills
- Who to contact for help
- Talk about contest schedule
- Talk about what we are going to do during the practical portion
- Answer any questions

### Practical (~4HRS)

- Demonstrate mixes
- Help others setup / check out planes
- Demo flight of Basic sequence (or others)
- Coach participants through the Basic sequence (or others) if they choose to fly
- Answer any questions

Documents will be provided for those that attend. At the end of the Primer, participants should feel knowledgeable and confident enough to start to practice / participate in IMAC Competition if they choose. For those with no desire for competition, they will walk away with some great ideas on how to setup their planes better.

The sit down primer and work at the field will be given by me and other well qualified / experienced assistants. We will work as hard as possible to assist anyone in getting their plane properly trimmed and coach everyone who chooses to fly on the Basic or other sequences. There is no need to know the Basic sequence ahead of time, as we will work on it with you, but in the event that someone does already know the sequence or a higher one, we can provide advanced coaching to any level of pilot.

Please do not let Basic or Sportsman class names fool you, while they are the two lowest classes of IMAC, they are just as tough as the upper classes until the pilot gains skill. One of the hardest things to do is fly a perfectly straight and level wind corrected line or even do a loop correctly. Basically all maneuvers in all classes begin and end with a perfect straight, wind corrected horizontal line.

What you can expect out of this primer as well as competing in IMAC?

Well that's a fairly easy answer. If you are a sport pilot or a 3D pilot, you will learn how handle your plane in any circumstance. If you are nervous about wind, that will go away, IMAC contests are normally held in winds as high as 25mph. After that, a vote is usually taken of all the pilots in the contest to see if they want to continue and typically since almost all the pilots travel to get to a contest, they vote to keep on flying. When you have a properly trimmed plane, flying in wind becomes so much easier. It comes down to knowing exactly what the plane is going to do at any given time. You will longer be content with keeping your plane from crashing, instead you will begin to recognize and correct for when your plane is 5 degrees different from where you want it.

I look forward to working with you to tailor this event to the needs of your club members. if you allow it, I can also advertise the event to nearby clubs. There is no need to close the field. The sit down portion of the primer can be given at an indoor facility using a power point presentation or at the field using handouts. Thank you for your consideration and I look forward to hearing from you.

Sincerely,

Bill James  
North East IMAC Regional Director